

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	174161	image adj process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/20 10:27
S2	103	(image adj process\$4) and (multiple or plural or many) near2 (image\$1) same (size\$1 and orientation\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/20 11:08
S3	2229	(image adj process\$4) and (multiple or plural or many) near2 (image\$1) same (size\$1 or orientation\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 17:25
S4	1	((image adj process\$4) and (multiple or plural or many) near2 (image\$1) same (size\$1 and orientation\$1)) and ((process\$3) near2 (unit or apparatus or device)) same ((blank or uncover\$3) near3 (area or space))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/20 10:33
S5	103	(image adj process\$4) and ((multiple or plural or many) near2 (image\$1)) same (size\$1 and orientation\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/20 10:33
S6	3	((image adj process\$4) and (multiple or plural or many) near2 (image\$1) same (size\$1 or orientation\$1)) and ((process\$3) near2 (unit or apparatus or device)) same ((blank or uncover\$3) near3 (area or space))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 18:04
S7	1	((image adj process\$4) and (multiple or plural or many) near2 (document or medium or sheet or page or paper) near2 (image\$1 or picture\$1 or graphic\$1)) same (size\$1 and orientation\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/20 11:12
S8	54	((image adj process\$4) and (multiple or plural or many) near2 (document or medium or sheet or page or paper) near2 (image\$1 or picture\$1 or graphic\$1)) same (size\$1 or orientation\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/20 17:50

## EAST Search History

S9	13586625	((n and "1") or (n adj up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 09:54
S10	447	((n adj "1") or (n adj "up")) near2 (print\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/20 17:53
S11	2229	(image adj process\$4) and (multiple or plural or many) near2 (image\$1) same (size\$1 or orientation\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/20 17:54
S12	5	((n adj "1") or (n adj "up")) near2 (print\$3)) and (image adj process\$4) and (multiple or plural or many) near2 (image\$1) same (size\$1 or orientation\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 10:58
S13	2	"6411400".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 14:02
S14	3461	((determin\$3 or judg\$3 or evaluat\$3 or identif\$3) near4 (area or space or segment or blank)) near8 (page or sheet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 14:04
S15	431	((determin\$3 or judg\$3 or evaluat\$3 or identif\$3) near4 (area or space or segment)) near8 (page or sheet) same (empty or available or blank)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 14:05
S16	355	((determin\$3 or judg\$3 or evaluat\$3) near4 (area or space or segment)) near8 (page or sheet) same (empty or available or blank)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 15:25
S17	355	((determin\$3 or judg\$3 or evaluat\$3) near4 (area or space or segment)) near8 (page or sheet) same (empty or available or blank)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 17:22
S18	134	((determin\$3 or judg\$3 or evaluat\$3) near4 (area or space or segment)) near8 (page or sheet) same (empty or available or blank) ) and (image adj process\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 15:26

## EAST Search History

S19	12	((determin\$3 or judg\$3 or evaluat\$3) near4 (area or space or segment)) near8 (page or sheet) same (empty or available or blank) ) and 358/1.18. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 17:24
S20	0	((determin\$3 or judg\$3 or evaluat\$3) near4 (area or space or segment)) near8 (page or sheet) same (empty or available or blank) ) and 399/204.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 17:24
S21	0	399/204.ccls. and (image adj process\$4) and (multiple or plural or many) near2 (image\$1) same (size\$1 or orientation\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 17:25
S22	24	399/204.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/21 17:28
S23	69770	n-1 or n-up or 2-up or 4-up or 6-up	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 09:56
S24	15	((n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evaluat\$3 or detect\$3) near4 ((blank) adj (space or area))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:00
S25	8173	"715"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/09/22 11:17
S26	15	"715"/\$.ccls. and ((determin\$3 or judg\$3 or evaluat\$3 or detect\$3) near4 (blank) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:52
S27	558	382/276.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:55
S28	0	382/276.ccls. and ((determin\$3 or judg\$3 or evaluat\$3 or detect\$3) near4 (blank) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:52

## EAST Search History

S29	0	382/276.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near4 (blank or white) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:55
S30	0	358/284.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near4 (blank or white) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:56
S31	0	358/286.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near4 (blank or white) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:57
S32	0	358/294.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near4 (blank or white) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:58
S33	2	382/294.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near4 (blank or white) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:59
S34	3	382/286.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near4 (blank or white) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:01
S35	1	382/284.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near4 (blank or white) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:58
S36	3	358/1.2.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near4 (blank or white) adj (space or area))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:59
S37	15	(n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near4 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:00
S38	30	(n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:25

## EAST Search History

S39	0	"6351317".PN. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:25
S40	0	399/204.ccls. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:26
S41	0	385/1.18.ccls. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:28
S42	0	385/1.18.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:27
S43	0	385/540.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:28
S44	0	385/450.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:28
S45	0	385/448.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:28
S46	0	385/449.ccls. and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:28
S47	1	358/1.18.ccls. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:29
S48	0	358/540.ccls. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:29

## EAST Search History

S49	0	358/450.ccls. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:30
S50	1	358/448.ccls. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:31
S51	0	358/499.ccls. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:31
S52	0	358/452.ccls. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:11
S53	1	358/488.ccls. and (n-1 or n-up or 2-up or 4-up or 6-up) and ((determin\$3 or judg\$3 or evalut\$3 or detect\$3) near8 ((blank) adj (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 11:11
S54	2	"5495561".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 12:06
S55	2	"5191429".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/24 09:57
S56	2	"6188490".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/24 09:58
S57	2	"5051843".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 16:29
S58	2	"5053885".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 16:30

## EAST Search History

S59	2	"5065198".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 16:31
S60	194817	image adj1 process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 16:33
S61	99	S60 and (((multiple or plural\$4) near2 (document\$1 or image near2 data)) same ((vari\$4 or different) near3 (size\$1 or orientation\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 12:21
S62	8	S61 and (print\$4 near2 (one near2 (sheet or paper or medium or media)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/10 16:37
S63	195004	(image adj1 process\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 12:16
S64	93	S63 and ((identify\$4 or determin\$4) near4 ((blank or empty or white) near2 space))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 12:21
S65	0	S64 and (((multiple or plural\$4) near2 (document\$1 or image near2 data)) same ((vari\$4 or different) near3 (size\$1 or orientation\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 12:21
S66	29	S64 and "358"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/12 12:21
S67	2	("5301036"   "5995719").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/12 13:19
S68	50274	((image adj1 process\$4) near2 (apparatus or machine or device or unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 20:59

## EAST Search History

S69	41	S68 and ((identify\$4 or detect\$4) near4 ((blank or empty) near3 (space or area)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 21:43
S70	41	S68 and ((identify\$4 or detect\$4) near4 ((blank or empty) near3 (space or area or layout)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/16 21:44
S71	2	"5838325".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 18:50
S72	8821	(2-up or 4-up or 8-up or 12up or (n-up) or (multiple-up) or (multiple near1 up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 18:52
S73	166427	((add\$3 or additional or insert\$3 or plac\$3) near4 (image or text or graphic or character))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 18:55
S74	980	S72 and S73	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 18:55
S75	2	S74 and 358/540.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 18:56
S76	8	S74 and 358/450.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 19:04
S77	559341	((identif\$7 or detect\$3 or determin\$5 or judge\$5 or select\$5) near5 (room or space\$4 or area or blank))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 19:06
S78	1738	S72 and S77	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 19:06



## EAST Search History

S79	509	S73 and S78	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 19:06
S80	0	S79 and S75	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 19:06
S81	5	S79 and S76	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/21 19:06
S82	2	"6636648".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:34
S83	2	"5915024".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 09:34
S84	196445	image adj1 process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 11:26
S85	489	S84 and ((judg\$4 or determin\$4 or select\$4) near5 ((blank or empty or vacant or clear) near3 (space or area or part or portion or segment or region or slot or zone)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 11:39
S86	5	S85 and (n-up or multiple-up or multiple near1 up)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 11:40
S87	306	S84 and ((judg\$4 or determin\$4 ) near5 ((blank or empty or vacant or clear) near3 (space or area or part or portion or segment or region or slot or zone)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 11:41
S88	6	S85 and (n-up or n-in-1 or multiple-up or (multiple near1 up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 11:49

## EAST Search History

S89	324	S84 and ((judg\$4 or determin\$4 or evaluat\$4) near5 ((blank or empty or vacant or clear) near3 (space or area or part or portion or segment or region or slot or zone)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 11:42
S90	0	S89 and 358/540.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 11:42
S91	0	S89 and 358/540.ccls	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 11:43
S92	1	S89 and 358/450.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 11:52
S93	2	"5838325".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/28 11:52
S94	49721	((image adj1 process\$4) near2 (apparatus or device or unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 11:11
S95	49721	((image adj1 process\$4) near2 (apparatus or device or unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 11:12
S96	68380	((image adj1 process\$4) near2 (apparatus or device or unit)) or( copy adj1 (machine or device or unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 11:14
S97	68380	((image adj1 process\$4) near2 (apparatus or device or unit)) or( copy adj1 (machine or device or unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 11:59
S98	129	S97 and ((detect\$4 or determin\$4 or identif\$4 or judg\$4) near6 ((blank or empty) near3 (space or area or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 12:14

## EAST Search History

S99	1	S98 and (n-up or n-in-1 or multiple-up or (multiple near1 up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 12:05
S10 0	1	S97 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 11:59
S10 1	68380	((image adj1 process\$4) near2 (apparatus or device or unit)) or (copy adj1 (machine or device or unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 12:02
S10 2	49721	((image adj1 process\$4) near2 (apparatus or device or unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 12:05
S10 3	1	S102 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 12:05
S10 4	1	S98 and (2-up or 4-up or 3-up or 5-up or 6-up or 7-up or 8-up or 9-up or 10-up or 12-up or (n-up) or (n adj1 up) or n-in-1 or multiple-up or (multiple near1 up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 12:13
S10 5	116	S102 and ((detect\$4 or determin\$4 or identif\$4 or judg\$4) near6 ((blank or empty) near3 (space or area or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 12:15
S10 6	116	S105 and ((detect\$4 or determin\$4 or identif\$4 or judg\$4) near6 ((blank or empty) near3 (space or area or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 12:15
S10 7	1	S104 and ((detect\$4 or determin\$4 or identif\$4 or judg\$4) near6 ((blank or empty) near3 (space or area or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 17:26
S10 8	68380	((image adj1 process\$4) near2 (apparatus or device or unit)) or (copy adj1 (machine or device or unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 17:43

## EAST Search History

S10 9	129	S108 and ((detect\$4 or determin\$4 or identif\$4 or judg\$4) near6 ((blank or empty) near3 (space or area or region)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 17:27
S11 0	1	S109 and (2-up or 4-up or 3-up or 5-up or 6-up or 7-up or 8-up or 9-up or 10-up or 12-up or (n-up) or (n adj1 up) or n-in-1 or multiple-up or (multiple near1 up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 17:45
S11 1	68380	((image adj1 process\$4) near2 (apparatus or device or unit)) or( copy adj1 (machine or device or unit))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 17:43
S11 2	342	S111 and ((detect\$4 or determin\$4 or identif\$4 or judg\$4) near6 (((blank or empty) near3 (space or area or region)) or ((non or "not") near2 cover\$3) or (white near2 (area or region or space))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 17:44
S11 3	3	S112 and (2-up or 4-up or 3-up or 5-up or 6-up or 7-up or 8-up or 9-up or 10-up or 12-up or (n-up) or (n adj1 up) or n-in-1 or multiple-up or (multiple near1 up))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/06 17:45
S11 4	0	("2002/0114002").URPN.	USPAT	OR	OFF	2005/07/06 17:48
S11 5	3	"4440487".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 11:01
S11 6	2	"5287195".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 12:35
S11 7	2	"5729630".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 12:39
S11 8	2	"5764227".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 12:52

## EAST Search History

S11 9	2	"5613017".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 13:00
S12 0	2	"4474453".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 13:10
S12 1	2	"4538185".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 13:11
S12 2	2	"4610528".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 13:12
S12 3	2	"4823303".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 13:15
S12 4	2	"4980721".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 16:10
S12 5	2	"5005055".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 16:28
S12 6	2	"5200831".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:01
S12 7	2	"5204753".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:02
S12 8	2	"5210622".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:09

## EAST Search History

S12 9	2	"5239390".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:16
S13 0	2	"5258849".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:16
S13 1	2	"5260807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:18
S13 2	2	"5313309".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:30
S13 3	2	"5357348".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:35
S13 4	2	"5625460".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/12 17:35
S13 5	5	("5051843"   "5099336"   "5144452"   "5191429"   "5191440").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/07/21 10:25
S13 6	2834	((multiple or many or group or plural) near4 (document\$1 or sheet\$1 or page\$1 or paper\$1)) same ((various or different or many or multiple or plural) near3 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 13:57
S13 7	541	S136 and ((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 10:29
S13 8	168	S136 and (((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size)) same (maximum or limit or threshold or large\$3 or equal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 11:28

## EAST Search History

S13 9	106	S136 and (((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size)) with (maximum or limit or threshold or large\$3 or equal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 11:29
S14 0	427	S136 and (((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size)) and (maximum or limit or threshold or large\$3 or equal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 11:29
S14 1	2834	((multiple or many or group or plural) near4 (document\$1 or sheet\$1 or page\$1 or paper\$1)) same ((various or different or many or multiple or plural) near3 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 11:28
S14 2	168	S141 and (((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size)) same (maximum or limit or threshold or large\$3 or equal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 14:00
S14 3	106	S141 and (((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size)) with (maximum or limit or threshold or large\$3 or equal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 11:29
S14 4	427	S141 and (((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size)) and (maximum or limit or threshold or large\$3 or equal))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 11:29
S14 5	99	S142 and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 11:29
S14 6	154	((multiple or many or group or plural) near4 ((document\$1 or sheet\$1 or page\$1 or paper\$1) near3 (image\$1 or graphic\$1)))same ((various or different or many or multiple or plural) near3 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 13:59
S14 7	154	((multiple or many or group or plural) near4 ((document\$1 or sheet\$1 or page\$1 or paper\$1) near3 (image\$1 or graphic\$1))) same ((various or different or many or multiple or plural) near3 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 13:59

## EAST Search History

S14 8	134	((multiple or many or group or plural) near4 ((document\$1 or sheet\$1 or page\$1 or paper\$1) near3 (image\$1 or graphic\$1))) with ((various or different or many or multiple or plural) near3 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 13:59
S14 9	930	((multiple or many or group or plural) near4 ((document\$1 or sheet\$1 or page\$1 or paper\$1) near3 (image\$1 or graphic\$1))) and ((various or different or many or multiple or plural) near3 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 13:59
S15 0	14	S147 and (((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size)) same ((maximum or limit or threshold or large\$3 or equal) near5 (image\$1 or graphic\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 14:31
S15 1	13	S148 and (((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size)) same ((maximum or limit or threshold or large\$3 or equal) near5 (image\$1 or graphic\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 14:06
S15 2	154	((multiple or many or group or plural) near4 ((document\$1 or sheet\$1 or page\$1 or paper\$1) near3 (image\$1 or graphic\$1))) same ((various or different or many or multiple or plural) near3 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 14:31
S15 3	14	S152 and (((select\$3 or pick\$4 or choos\$4) near5 ((paper or document or page or sheet) near3 size)) same ((maximum or limit or threshold or large\$3 or equal) near5 (image\$1 or graphic\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 14:31
S15 4	12	S153 and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/06 14:31
S15 5	2258	((determin\$5 or decid\$4 or judg\$4 or evaluat\$4 or identif\$5) near4 ((maximum or large or largest or big\$4) near2 image))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 21:46
S15 6	222297	((select\$4 or choos\$4) near5 (paper or page or sheet or media))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 17:48



## EAST Search History

S15 7	217	S155 and S156	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 21:30
S15 8	187	S157 and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 21:48
S15 9	35	((determin\$5 or decid\$4 or judg\$4 or evaluat\$4 or identif\$5) near4 ((maximum or large or largest or big\$4) near4 ((multiple or many or plural or group) near2 image\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 21:50
S16 0	9	S159 and S156	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 21:47
S16 1	8	S160 and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 17:49
S16 2	184	((determin\$5 or decid\$4 or judg\$4 or evaluat\$4 or identif\$5) near4 ((maximum or large or largest or big\$4) near4 (size near2 image\$1)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 17:44
S16 3	41	S162 and S156	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 21:51
S16 4	32	S163 and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 21:51
S16 5	4610	((determin\$5 or decid\$4 or judg\$4 or evaluat\$4 or identif\$5) near4 ((maximum or large or largest or big\$4) near4 images))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 17:47
S16 6	27290	((select\$4 or choos\$4) near5 (paper or page or sheet or media)) same images)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 17:48

## EAST Search History

S16 7	254	S165 and S166	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 17:48
S16 8	214	S167 and print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 17:57
S16 9	76792	((multiple or plural or many or mix\$3) near2 (image\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 18:05
S17 0	100	S168 and S169	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/08 18:05
S17 1	1967801	print\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:09
S17 2	2702	((multiple or many or various or group) near5 (image\$1 near4 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:28
S17 3	14730	((detect\$4 or determin\$4 or judg\$4 or evaluat\$4 or identif\$6) near5 ((maximum or max or large\$4 or big\$5) near3 size))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:26
S17 4	88	S172 and S173	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 12:18
S17 5	11300	((select\$4 or choos\$4 or pick or determin\$4 or decide) near4 ((paper or media or medium or sheet) near3 size))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:27
S17 6	14	S174 and S175	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:15

## EAST Search History

S17 7	287636	morikawa takeshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:15
S17 8	283367	(morikawa takeshi).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:15
S17 9	2189	S178 and facsimile	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:15
S18 0	219	S179 and (size near2 image)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:16
S18 1	56	S180 and copier	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:16
S18 2	6	S181 and (paper near2 selection)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/18 13:16
S18 3	924	((detect\$4 or determin\$4 or judg\$4 or evaluat\$4 or identif\$6) near5 (((maximum or max or large\$4 or big\$5) near3 size) near5 image\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 10:15
S18 4	96	S183 and ((select\$4 or choos\$4 or pick or determin\$4 or decide) near4 ((paper or media or medium or sheet) near3 size))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 10:16
S18 5	15	S184 and ((multiple or many or various or group) near5 (image\$1 near4 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 10:16
S18 6	142	((detect\$4 or determin\$4 or judg\$4 or evaluat\$4 or identif\$6) near5 (((maximum or max or large\$4 or big\$5) near3 (image\$1 adj1 size))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 10:15

## EAST Search History

S18 7	254736	image adj process\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 10:16
S18 8	1118	S187 and ((multiple or many or various or group) near5 (image\$1 near4 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 10:16
S18 9	13	S186 and ((multiple or many or various or group) near5 (image\$1 near4 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 11:10
S19 0	5	S189 and ((select\$4 or choos\$4 or pick or determin\$4 or decide) near4 ((paper or media or medium or sheet) near3 size))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 11:25
S19 1	5	S186 and S190	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 10:19
S19 2	142	((detect\$4 or determin\$4 or judg\$4 or evaluat\$4 or identif\$6) near5 (((maximum or max or large\$4 or big\$5) near3 (image\$1 adj1 size))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 11:11
S19 3	13	S192 and ((multiple or many or various or group or mix\$2) near5 (image\$1 near4 size\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 11:11
S19 4	5	S193 and ((select\$4 or choos\$4 or pick or determin\$4 or decide) near4 ((paper or media or medium or sheet) near3 size))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 11:27
S19 5	4137	teranishi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 11:28
S19 6	5	S195 and (image near2 size)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 12:31

## EAST Search History

S19 7	2	"5957600".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/19 12:38
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